AIM

Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202

Centimeter

Inches

MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.

1

of

5

FINAL REPORT - OPERATIONS SUPPORT OF PHASE 2 INTEGRATED DEMONSTRATION, FOUR VOLUMES (U)

by
T. C. Hazen

Savannah River Site
Aiken, South Carolina 29808

ECOVA Corporation

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FINAL REPORT

**OPERATIONS SUPPORT OF PHASE 2
INTEGRATED DEMONSTRATION**

IN SITU BIOREMEDIATION

SUBCONTRACT NO.: AA69840N

VOLUME III: FINAL REPORT

DATA IN GRAPHICAL FORM - DISKS 1, 2, 3, 4

AVERAGED DATA IN TABULAR FORM - DISKS 1, 2

Prepared for:

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**September 1993
Project No. 1117**

MASTER

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FINAL REPORT APPENDIX

RECEIVED
JUL 05 1994
OSTI

This section contains the following materials:

All data in graphical format

Disk 1

EXTRACTION LINE VACUUM

PRESS. CATOX SIDE OF BLOWER (PRESSEXT.XLS)

EXTRACTION FLOW VOLUME (FLOVOLEX.XLS)

EXTRACTION LINE TEMPERATURE (TEMPEXT.XLS)

VCINFLUENT'S Chart 1

VC INFLUENT

DCM INFLUENT

DCE INFLUENT

TCE INFLUENT

PCE INFLUENT

TOTAL VOC INFLUENT

VC EFFLUENT

DCM EFFLUENT

TOTAL VOC EFFLUENT

CO2 INFLUENT

CO2 EFFLUENT

FINAL REPORT APPENDIX

This section contains the following materials:

All data in graphical format

Disk 2

VC EBT 22'

TCE IN EBT 22'

PCE IN EBT 22'

TOTAL VOC IN EBT 22'

CO2 IN EBT 22'

CH4 IN EBT 22'

VACUUM IN EBT 58'

VC IN EBT 58'

TCE IN EBT 58'

PCE IN EBT 58'

TOTAL VOC IN EBT 58'

CO2 IN EBT 58'

VACUUM IN EBT 98'

VACUUM IN EBT 138'

VACUUM IN EBT 179

METH. CONC. INJ BT 20'

PRESS. ON INJ BT 120'

PRESSURE ON INJ BT 180'

CO2 IN INJ BT 180'

PRESSURE INJ BT 240

CH4 IN INJ BT 240'

PRESSURE IN INJ BT 298'

CH4 IN INJ BT 298'

VACUUM ZONE A MHV-1

VC IN MHV1

TCE ZONE A MHV-1

PCE IN ZONE MHV-1

VOC ZONE A MHV-1

CO2 ZONE A MHV-1

CH4 ZONE A MHV-1

VACUUM ZONE B MHV-1

VC ZONE B MHV-1

t-DCE ZONE B MHV-1

TCE ZONE B MHV-1

PCE ZONE B MHV-1

VOC ZONE B MHV-1

CO2 ZONE B MHV-1

CH4 ZONE B MHV-1

VACUUM ZONE A MHV-2

VC ZONE A MHV-2

TCE ZONE A MHV-2

PCE ZONE A MHV-2

VOC ZONE A MHV-2

CO2 ZONE A MHV-2

CH4 ZONE A MHV-2

VACUUM ZONE B MHV-2

VC ZONE B MHV-2

TCE ZONE B MHV-2

PCE ZONE B MHV-2

VOC ZONE B MHV-2

CO2 ZONE B MHV-2

CH4 ZONE B MHV-2

VACUUM ZONE C MHV-2

VC ZONE C MHV-2

TCE ZONE C MHV-2

PCE ZONE C MHV-2

VOC ZONE C MHV-2

CO2 ZONE C MHV-2

CH4 ZONE C MHV-2

VACUUM ZONE A MHV-3

TCE ZONE A MHV-3

DO NOT WRITE IN
THIS PAGE

PCE ZONE A MHV-3

VOC ZONE A MHV-3

CO2 ZONE A MHV-3

CH4 ZONE A MHV-3

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2 of 5

VACUUM ZONE B MHV-3

VC ZONE B MHV-3

TCE ZONE B MHV-3

PCE ZONE B MHV3

VOC ZONE B MHV-3

CO2 ZONE B MHV-3

CH4 ZONE B MHV-3

VACUUM ZONE C MHV-3

DCM ZONE C MHV-3

t-DCE ZONE C MHV-3

c-DCE ZONE C MHV-3

TCE ZONE C MHV-3

PCE ZONE C MHV-3

VOC ZONE C MHV-3

CO2 ZONE C MHV-3

CH4 ZONE C MHV-3

VACUUM ZONE A MHV-4

VC ZONE A MHV-4

TCE ZONE A MHV-4

PCE ZONE A MHV-4

VOC ZONE A MHV-4

CO2 ZONE A MHV-4

CH4 ZONE A MHV-4

VACUUM ZONE B MHV-4

TCE ZONE B MHV-4

VOC ZONE B MHV-4

PCE ZONE B MHV-4

CO2 ZONE B MHV-4

CH4 ZONE B MHV-4

VACUUM ZONE C MHV-4

VC ZONE C MHV-4

TCE ZONE C MHV-4

PCE ZONE C MHV-4

VOC ZONE C MHV-4

CO2 ZONE C MHV-4

CH4 ZONE C MHV4

VACUUM ZONE A MHV-5

TCE ZONE A MHV-5

VOC ZONE A MHV-5

CO2 ZONE A MHV-5

VACUUM ZONE B MHV-5

TCE ZONE B MHV-5

PCE ZONE B MHV-5

VOC ZONE B MHV-5

CO2 ZONE B MHV-5

CH4 ZONE B MHV-5

VACUUM ZONE C MHV-5

c-DCE ZONE C MHV-5

TCE ZONE C MHV-5

PCE ZONE C MHV-5

VOC ZONE C MHV-5

CO2 ZONE C MHV-5

CH4 ZONE C MHV-5

VC PORT A MHV10

DCM PORT A MHV10

t-DCE PORT A MHV10

c-DCE PORT A MHV10

TCE PORT A MHV10

PCE PORT A MHV10

VOC PORT A MHV10

CH4 PORT A MHV10

VC PORT B MHV10

DCM PORT B MHV10

t-DCE PORT B MHV10

TCE PORT B MHV10

PCE PORT B MHV10

VOC PORT B MHV10

CO2 PORT B MHV10

CH4 PORT B MHV10

VC PORT C MHV10

DCMCMH10.ALS Chart 1

DCM PORT C MHV10

t-DCE PORT C MHV10

c-DCE PORT C MHV10

TCE ZONE C MHV10

PCE PORT C MHV10

CO2 PORT C MHV10

CH4 PORT C MHV10

VOC PORT C MHV10

VC ZONE D MHV10

DCM PORT D MHV10

DCECDM10.ALS Chart 1

DCE-c PORT D MHV10

DCE-t PORT D MHV10

TCE PORT D MHV10

PCE PORT D MHV10

VOC PORT D MHV10

CO2 PORT D MHV10

CH4 PORT D MHV10

DCE-t PORT E MHV10

VC PORT E MHV10

DCM PORT E MHV10

DCECEM10...S Chart 1

DCE-c PORT E MHV10

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TCE PORT E MHV10

PCE PORT E MHV10

VOC PORT E MHV10

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Centimeter

Inches

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3 of 5

CO2 PORT E MHV10

CH4 PORT E MHV10

VC PORT F MHV10

DCM PORT F MHV10

DCE-t PORT F MHV10

DCE-c PORT F MHV10

TCE PORT F MHV10

PCE PORT F MHV10

VOC PORT F MHV10

CO2 PORT F MHV10

CH4 PORT F MHV10

VC PORT F MHV10

DCM PORT G MHV10

DCE-t PORT G MHV10

DCE-c PORT G MHV10

TCE PORT G MHV10

PCE PORT G MHV10

VOC PORT G MHV10

CO2 PORT G MHV10

CH4 PORT G MHV10

VC PORT H MHV10

DCM PORT H MHV10

DCE-t PORT H MHV10

DCE-c PORT H MHV10

TCE PORT H MHV10

PCE PORT H MHV10

VOC PORT H MHV10

CO2 PORT H MHV10

CH4 PORT H MHV10

VC PORT I MHV10

DCM PORT I MHV10

DCE-t PORT I MHV10

DCE-c PORT I MHV10

TCE PORT I MHV10

PCE PORT I MHV10

VOC PORT I MHV10

CO2 PORT I MHV10

CH4 PORT I MHV10

VC PORT J MHV10

DCM PORT J MHV10

TCE PORT J MHV10

PCE PORT J MHV10

VOC PORT J MHV10

CO2 PORT J MHV10

CH4 PORT J MHV10

TCE PORT A MHV11

PCE PORT A MHV11

VOC PORT A MHV11

CH4 PORT A MHV11

TCE PORT B MHV11

PCE PORT B MHV11

VOC PORT B MHV11

TCE PORT C MHV11

PCE PORT C MHV11

VOC PORT C MHV11

TCE PORT D MHV11

PCE PORT D MHV11

VOC PORT D MHV11

CO2 PORT D MHV11

CH4 PORT D MHV11

TCE PORT E MHV11

PCE PORT E MHV11

VOC PORT E MHV11

CO2 PORT E MHV11

CH4 PORTE MHV11

TCE PORT F MHV11

PCE PORT F MHV11

VOC PORT F MH11

CO2 PORT F MHV11

CH4 PORT F MHV11

TCEGMH11 ALS Chart 1

TCE PORT G MHV11

PCE PORT G MHV11

VOC PORT G MHV11

CO2 PORT G MHV11

CH4GMH11 ALS Chart 1

CH4 PORT G MHV11

TCE PORT H MHV11

PCE PORT H MHV11

VOCHMH11.1LS Chart 1

VOC PORT H MHV11

CO2 PORT H MHV11

CH4 PORT H MHV11

TCE PORT I MHV11

TCEIMH11.ALS Chart 1

TCE PORT I MHV11

PCE PORT I MHV11

VOC PORT I MHV11

CO2 PORT 1 MHV11

CH4 PORT I MHV11

TCE PORT J MHV11

PCEJMH11.ALS Chart 1

PCE PORT J MHV11

VOC PORT J MHV11

CO2 PORT J MHV11

CH4 PORT J MHV11

VC PORT A MHV12

TCE PORT A MHV12

PCE PORT A MHV12

VOC PORT A MHV12

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4 of 5

CO2 PORT A MHV12

CH4 PORT A MHV12

VC PORT B MHV12

TCE PORT B MHV12

PCE PORT B MHV12

VOC PORT B MHV12

CO2 PORT B MHV12

CH4 PORT B MHV12

TCE PORT C MHV12

PCE PORT C MHV12

VOC PORT C MHV12

CO2 PORT C MHV12

VC PORT J MHV12

TCE PORT J MHV12

PCE PORT J MHV12

VOC PORT J MHV12

CO2 PORT J MHV12

CH4 PORT J MHV12

PAGES 294 TO 349 INTENTIONALLY LEFT BLANK

FINAL REPORT APPENDIX

This section contains the following materials:

All data in graphical format

Disk 4

INJECTION SYSTEM PRESSURE

FLOW OF INJECTION SYSTEM

INJECTION LINE TEMPERATURE

INJECTION SYSTEM WELL HEAD PRESSURE

INJECTION CH4 TEMPERATURE

COMPRESSOR OIL PRESSURE

COMPRESSOR OIL TEMPERATURE

INJECTION SYSTEM COMPRESSOR TOTAL HOURS

INJECTION SYSTEM COMPRESSOR % CAPACITY

INJECTION SYSTEM COMPR. AIR TEMP.

INJECTION SYSTEM COMPR. AIR PRESS.

INJECTION SYSTEM HORIBA #1

INJECTION SYSTEM HORIBA #2

INJECTION SYSTEM CH4 FLOW RATE

CATALYTIC OXIDIZER KWH USAGE

BLOWER KWH USAGE

COMPRESSOR KWH USAGE

NITROUS OXIDE INJECTION PRESSURE

NITROUS OXIDE INJECTION RATE

NITROUS OXIDE INJECTION PRESSURE AT WELL HEAD

NITROUS OXIDE CONCENTRATIONS

FINAL REPORT APPENDIX

This section contains the following materials:

Data averaged over campaign intervals tabular format

Disk 1

DATE DAY IN. HG.

VACUUM.XLS

WSRC DATA & CHART

Campaign Intervals

DAYS IN. HG.

	2/26/92		
1	2/26/92	0	6.1
	3/19/92	22	6.1
2	3/20/92	23	7.5
	4/21/92	55	7.5
3	4/22/92	56	7.4
	8/6/92	162	7.4
4	8/7/92	163	7.6
	10/21/92	238	7.6
5	10/22/92	239	8.4
	10/24/92	241	8.4
6	10/25/92	242	8.8
	11/7/92	255	8.8
7	11/8/92	256	9.4
	11/11/92	259	9.4
8	11/12/92	260	10.0
	12/8/92	286	10.0
9	12/9/92	287	9.6
	2/23/93	363	9.6
10	2/24/93	364	10.1
	3/21/93	389	10.1
11	3/22/93	390	10.5
	5/1/93	430	10.5

DATE

DAYS

PSI

PRESSEXT.XLS

WSRC DATA & CHART

Campaign Intervals

DAYS PSI

1	2/26/92	0.00	1.9
	3/19/92	22.00	1.9
2	3/20/92	23.00	2.4
	4/21/92	55.00	2.4
3	4/22/92	56.00	1.9
	8/6/92	162.00	1.9
4	8/7/92	163.00	2.2
	10/21/92	238.00	2.2
5	10/22/92	239.00	2.5
	10/24/92	241.00	2.5
6	10/25/92	242.00	2.0
	11/7/92	255.00	2.0
7	11/8/92	256.00	2.6
	11/11/92	259.00	2.6
8	11/12/92	260.00	2.4
	12/8/92	285.00	2.4
9	12/9/92	287.00	2.6
	2/23/93	363.00	2.6
10	2/24/93	364.00	2.2
	3/21/93	389.00	2.2
11	3/22/93	390.00	1.7
	5/1/93	430.00	1.7

DATE

DAYS FPM

FLOWEXT.XLS

WSRC DATA & CHART

Campaign Intervals		VELOCITY	
DATE	DAYS	FPM	
1	2/26/92	0	7836
	3/19/92	22	7836
2	3/20/92	23	7978
	4/21/92	55	7978
3	4/22/92	56	7949
	8/6/92	162	7949
4	8/7/92	163	7914
	10/21/92	238	7914
5	10/22/92	239	7743
	10/24/92	241	7743
6	10/25/92	242	7779
	11/7/92	255	7779
7	11/8/92	256	7812
	11/11/92	259	7812
8	11/12/92	260	7564
	12/8/92	286	7564
9	12/9/92	287	7761
	2/23/93	363	7761
10	2/24/93	364	7601
	3/21/93	389	7601
11	3/22/93	390	7737
	5/1/93	430	7737

DATES DAYS SCFM

FLOVOLEX.XLS

WSRC DATA & CHART

FILE NAME:

Campaign Intervals

	DATES	DAYS	VOLUME
1	2/26/92	0	241
	3/19/92	22	241
2	3/20/92	23	246
	4/21/92	55	246
3	4/22/92	56	245
	8/6/92	162	245
4	8/7/92	163	244
	10/21/92	238	244
5	10/22/92	239	238
	10/24/92	241	238
6	10/25/92	242	239
	11/7/92	255	239
7	11/8/92	256	240
	11/11/92	259	240
8	11/12/92	260	233
	12/8/92	286	233
9	12/9/92	287	239
	2/23/93	363	239
10	2/24/93	364	234
	3/21/93	389	234
11	3/22/93	390	238
	5/1/93	430	238

DATE

DAYS

TEMP F

TEMPEXT.XLS

WSRC DATA & CHART

Campaign Intervals

	DATE	DAYS	TEMP F
1	2/26/92	0	42
	3/19/92	22	42
2	3/20/92	23	130
	4/21/92	55	130
3	4/22/92	56	135
	8/6/92	162	135
4	8/7/92	163	133
	10/21/92	238	133
5	10/22/92	239	132
	10/24/92	241	132
6	10/25/92	242	141
	11/7/92	255	141
7	11/8/92	256	136
	11/11/92	259	136
8	11/12/92	260	143
	12/8/92	286	143
9	12/9/92	287	133
	2/23/93	363	133
10	2/24/93	364	131
	3/21/93	389	131
11	3/22/93	390	145
	5/1/93	430	145

WSRC CHART

C_OTEMP.XLS

Campaign Intervals

	DATE	DAYS	TEMP F
1	2/26/92	0	1494
	3/19/92	22	1494
2	3/20/92	23	1523
	4/21/92	55	1523
3	4/22/92	56	1500
	8/6/92	162	1500
4	8/7/92	163	1489
	10/21/92	238	1489
5	10/22/92	239	1450
	10/24/92	241	1450
6	10/25/92	242	1450
	11/7/92	255	1450
7	11/8/92	256	1450
	11/11/92	259	1450
8	11/12/92	260	1450
	12/8/92	286	1450
9	12/9/92	287	1206
	2/23/93	363	1206
10	2/24/93	364	824
	3/21/93	389	824
11	3/22/93	390	825
	5/1/93	430	825

WSRC DATA & CHART

FILE NAME:

VCINFLU.XLS

Campaign Intervals

1	2/26/92	0	#DIV/0!
	3/19/92	22	#DIV/0!
2	3/20/92	23	17
	4/21/92	55	17
3	4/22/92	56	9
	8/6/92	162	9
4	8/7/92	163	9
	10/21/92	238	9
5	10/22/92	239	5
	10/24/92	241	5
6	10/25/92	242	5
	11/7/92	255	5
7	11/8/92	256	5
	11/11/92	259	5
8	11/12/92	260	5
	12/8/92	286	5
9	12/9/92	287	#DIV/0!
	2/23/93	363	#DIV/0!
10	2/24/93	364	#DIV/0!
	3/21/93	389	#DIV/0!
11	3/22/93	390	#DIV/0!
	5/1/93	430	#DIV/0!

DCMINFLU.XLS

'VSRC DATA & CHART

FILE NAME:

DCMINFLU.XLS

Campaign Intervals

	DATES	DAYS	DCM (PPM)
1	2/28/92	0	#DIV/0!
	3/19/92	22	#DIV/0!
2	3/20/92	23	14.0
	4/21/92	55	14.0
3	4/22/92	56	25.1
	8/6/92	162	25.1
4	8/7/92	163	#DIV/0!
	10/21/92	238	#DIV/0!
5	10/22/92	239	#DIV/0!
	10/24/92	241	#DIV/0!
6	10/25/92	242	#DIV/0!
	11/7/92	255	#DIV/0!
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	#DIV/0!
	2/23/93	363	#DIV/0!
10	2/24/93	364	#DIV/0!
	3/21/93	389	#DIV/0!
11	3/22/93	390	0.0
	5/1/93	430	0.0

WSRC DATA & CHART

FILE NAME:

DCETINFL.XLS

Campaign Intervals

	DATES	DAYS	t=DCE (PPM)
1	2/26/92	0	#DIV/0!
	3/19/92	22	#DIV/0!
2	3/20/92	23	13
	4/21/92	55	13
3	4/22/92	56	9
	8/6/92	162	9
4	8/7/92	163	#DIV/0!
	10/21/92	238	#DIV/0!
5	10/22/92	239	#DIV/0!
	10/24/92	241	#DIV/0!
6	10/25/92	242	#DIV/0!
	11/7/92	255	#DIV/0!
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	#DIV/0!
	2/23/93	363	#DIV/0!
10	2/24/93	364	#DIV/0!
	3/21/93	389	#DIV/0!
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

DCECINFL.XLS

Campaign Intervals

	DATES	DAYS	DCE-c (PPM)
1	2/26/92	0	#DIV/0!
	3/19/92	22	#DIV/0!
2	3/20/92	23	13
	4/21/92	55	13
3	4/22/92	56	7
	8/6/92	162	7
4	8/7/92	163	7
	10/21/92	238	7
5	10/22/92	239	#DIV/0!
	10/24/92	241	#DIV/0!
6	10/25/92	242	#DIV/0!
	11/7/92	255	#DIV/0!
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	#DIV/0!
	2/23/93	363	#DIV/0!
10	2/24/93	364	#DIV/0!
	3/21/93	389	#DIV/0!
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

TCEINFLU.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	-480
	3/19/92	22	-480
2	3/20/92	23	99
	4/21/92	55	99
3	4/22/92	56	90
	8/6/92	162	90
4	8/7/92	163	81
	10/21/92	238	81
5	10/22/92	239	59
	10/24/92	241	59
6	10/25/92	242	63
	11/7/92	255	63
7	11/8/92	256	67
	11/11/92	259	67
8	11/12/92	260	62
	12/8/92	286	62
9	12/9/92	287	72
	2/23/93	363	72
10	2/24/93	364	73
	3/21/93	389	73
11	3/22/93	390	65
	5/1/93	430	65

WSRC DATA & CHART

FILE NAME:

PCEINFLU.XLS

Campaign Intervals

	DATES	DAYS	PCE (PPM)
1	2/26/92	0	171
	3/19/92	22	171
2	3/20/92	23	157
	4/21/92	55	157
3	4/22/92	56	157
	8/6/92	162	157
4	8/7/92	163	160
	10/21/92	238	160
5	10/22/92	239	142
	10/24/92	241	142
6	10/25/92	242	149
	11/7/92	255	149
7	11/8/92	256	161
	11/11/92	259	161
8	11/12/92	260	146
	12/8/92	286	146
9	12/9/92	287	179
	2/23/93	363	179
10	2/24/93	364	201
	3/21/93	389	201
11	3/22/93	390	181
	5/1/93	430	181

WSRC DATA & CHART

FILE NAME:

VOCINFLU.XLS

Campaign Intervals			
	DATES	DAYS	VOC (PPM)
1	2/26/92	0	320
	3/19/92	22	320
2	3/20/92	23	257
	4/21/92	55	257
3	4/22/92	56	252
	8/6/92	162	252
4	8/7/92	163	251
	10/21/92	238	251
5	10/22/92	239	206
	10/24/92	241	206
6	10/25/92	242	213
	11/7/92	255	213
7	11/8/92	256	228
	11/11/92	259	228
8	11/12/92	260	208
	12/8/92	286	208
9	12/9/92	287	251
	2/23/93	363	251
10	2/24/93	364	274
	3/21/93	389	274
11	3/22/93	390	246
	5/1/93	430	246

WSRC DATA & CHART

FILE NAME:

VCEFFLU.XLS

Campaign Intervals			
	DATES	DAYS	VC EFFLU (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	0
	4/21/92	55	0
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	0
	10/21/92	238	0
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

DCMEFFLU.XLS

Campaign Intervals

	DATES	DAYS	DCM (PPM)
1	2/26/92	0	0.0
	3/19/92	22	0.0
2	3/20/92	23	0.0
	4/21/92	55	0.0
3	4/22/92	56	0.0
	8/6/92	162	0.0
4	8/7/92	163	0.0
	10/21/92	238	0.0
5	10/22/92	239	0.0
	10/24/92	241	0.0
6	10/25/92	242	0.0
	11/7/92	255	0.0
7	11/8/92	256	0.0
	11/11/92	259	0.0
8	11/12/92	260	0.0
	12/8/92	286	0.0
9	12/9/92	287	0.0
	2/23/93	363	0.0
10	2/24/93	364	0.0
	3/21/93	389	0.0
11	3/22/93	390	0.0
	5/1/93	430	0.0

WSRC DATA & CHART

FILE NAME:

DCETEFFL.XLS

Campaign Intervals			
	DATES	DAYS	DCE-t EFFLU
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	0
	4/21/92	55	0
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	0
	10/21/92	238	0
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

DCECEFFL.XLS

Campaign Intervals

	DATES	DAYS	DCE-c
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	0
	4/21/92	55	0
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	0
	10/21/92	238	0
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

TCEEFFLU.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	3
	3/19/92	22	3
2	3/20/92	23	7
	4/21/92	55	7
3	4/22/92	56	4
	8/6/92	162	4
4	8/7/92	163	1
	10/21/92	238	1
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

PCEEFFLU.XLS

Campaign Intervals

	DATES	DAYS	PCE EFFLU (PPM)
1	2/26/92	0	11
	3/19/92	22	11
2	3/20/92	23	14
	4/21/92	55	14
3	4/22/92	56	13
	8/6/92	162	13
4	8/7/92	163	2
	10/21/92	238	2
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	2
	2/23/93	363	2
10	2/24/93	364	6
	3/21/93	389	6
11	3/22/93	390	1
	5/1/93	430	1

VOCEFFLU.XLS

WSRC DATA & CHART

FILE NAME:

VOCEFFLU.XLS

Campaign Intervals

	DATES	DAYS	VOC EFFLU (PPM)
1	2/26/92	0	14
	3/19/92	22	14
2	3/20/92	23	21
	4/21/92	55	21
3	4/22/92	56	20
	8/6/92	162	20
4	8/7/92	163	4
	10/21/92	238	4
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	4
	2/23/93	363	4
10	2/24/93	364	6
	3/21/93	389	6
11	3/22/93	390	1
	5/1/93	430	1

WSRC DATA & CHART

FILE NAME:

CO2INFLU.XLS

Campaign Intervals

	DATES	DAYS	CO2 INFLU %
1	2/26/92	0	1.6
	3/19/92	22	1.6
2	3/20/92	23	2.2
	4/21/92	55	2.2
3	4/22/92	56	2.1
	8/6/92	162	2.1
4	8/7/92	163	2.1
	10/21/92	238	2.1
5	10/22/92	239	2.1
	10/24/92	241	2.1
6	10/25/92	242	1.8
	11/7/92	255	1.8
7	11/8/92	256	1.7
	11/11/92	259	1.7
8	11/12/92	260	1.7
	12/8/92	286	1.7
9	12/9/92	287	1.6
	2/23/93	363	1.6
10	2/24/93	364	1.6
	3/21/93	389	1.6
11	3/22/93	390	1.5
	5/1/93	430	1.5

WSRC DATA & CHART

FILE NAME:

CO2EFFLU.XLS

Campaign Intervals		DAYS	CO2 EFFLU %
	DATES		
1	2/26/92	0	1.6
	3/19/92	22	1.6
2	3/20/92	23	2.2
	4/21/92	55	2.2
3	4/22/92	56	2.1
	8/6/92	162	2.1
4	8/7/92	163	2.1
	10/21/92	238	2.1
5	10/22/92	239	#DIV/0!
	10/24/92	241	#DIV/0!
6	10/25/92	242	#DIV/0!
	11/7/92	255	#DIV/0!
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	#DIV/0!
	2/23/93	363	#DIV/0!
10	2/24/93	364	#DIV/0!
	3/21/93	389	#DIV/0!
11	3/22/93	390	#DIV/0!
	5/1/93	430	#DIV/0!

WSRC DATA & CHART

FILE NAME:

CH4INFLU.XLS

Campaign Intervals

	DATES	DAYS	CH4 INFLU %
1	2/26/92	0	#DIV/0!
	3/19/92	22	#DIV/0!
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.1728
	8/6/92	162	0.1728
4	8/7/92	163	0.6526
	10/21/92	238	0.6526
5	10/22/92	239	0.9914
	10/24/92	241	0.9914
6	10/25/92	242	0.9805
	11/7/92	255	0.9805
7	11/8/92	256	0.9670
	11/11/92	259	0.9670
8	11/12/92	260	0.8451
	12/8/92	286	0.8451
9	12/9/92	287	0.5021
	2/23/93	363	0.5021
10	2/24/93	364	0.4530
	3/21/93	389	0.4530
11	3/22/93	390	0.4882
	5/1/93	430	0.4882

FINAL REPORT APPENDIX

This section contains the following materials:

Data averaged over campaign intervals tabular format

Disk 2

VSRC DATA & CHART

FILE NAME:

22VACUUM.XLS

Campaign Intervals

	DATES	DAYS	VACUUM IN HG
1	2/26/92	0	0.0
	3/19/92	22	0.0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	5.8
	8/6/92	162	5.8
4	8/7/92	163	7.3
	10/21/92	238	7.3
5	10/22/92	239	8.0
	10/24/92	241	8.0
6	10/25/92	242	8.5
	11/7/92	255	8.5
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	9.6
	12/8/92	286	9.6
9	12/9/92	287	9.4
	2/23/93	363	9.4
10	2/24/93	364	9.8
	3/21/93	389	9.8
11	3/22/93	390	9.9
	5/1/93	430	9.9

WSRC DATA & CHART

FILE NAME:

22VC.XLS

Campaign Intervals

	DATES	DAYS	VC (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	1
	8/6/92	162	1
4	8/7/92	163	11
	10/21/92	238	11
5	10/22/92	239	8
	10/24/92	241	8
6	10/25/92	242	4
	11/7/92	255	4
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	3
	12/8/92	286	3
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

DATES

DAYSTCE (PPM)

22TCE.XLS

WSRC DATA & CHART

FILE NAME:

22TCE.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	81
	8/6/92	162	81
4	8/7/92	163	73
	10/21/92	238	73
5	10/22/92	239	52
	10/24/92	241	52
6	10/25/92	242	49
	11/7/92	255	49
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	54
	12/8/92	286	54
9	12/9/92	287	46
	2/23/93	363	46
10	2/24/93	364	70
	3/21/93	389	70
11	3/22/93	390	32
	5/1/93	430	32

WSRC DATA & CHART

FILE NAME:

22PCE.XLS

Campaign Intervals

	DATES	DAYS	PCE (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	94
	8/6/92	162	94
4	8/7/92	163	99
	10/21/92	238	99
5	10/22/92	239	85
	10/24/92	241	85
6	10/25/92	242	61
	11/7/92	255	61
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	82
	12/8/92	286	82
9	12/9/92	287	62
	2/23/93	363	62
10	2/24/93	364	118
	3/21/93	389	118
11	3/22/93	390	45
	5/1/93	430	45

WSRC DATA & CHART

FILE NAME:

22VOC.XLS

Campaign Intervals		DAYS	VOC (PPM)
	DATES		
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	178
	8/6/92	162	178
4	8/7/92	163	183
	10/21/92	238	183
5	10/22/92	239	145
	10/24/92	241	145
6	10/25/92	242	113
	11/7/92	255	113
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	136
	12/8/92	286	136
9	12/9/92	287	109
	2/23/93	363	109
10	2/24/93	364	188
	3/21/93	389	188
11	3/22/93	390	77
	5/1/93	430	77

WSRC DATA & CHART

FILE NAME:

22CO2.XLS

Campaign Intervals

	DATES	DAYS	CO2 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	1.4641
	8/6/92	162	1.4641
4	8/7/92	163	1.1644
	10/21/92	238	1.1644
5	10/22/92	239	1.5262
	10/24/92	241	1.5262
6	10/25/92	242	0.9889
	11/7/92	255	0.9889
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	1.2633
	12/8/92	286	1.2633
9	12/9/92	287	0.7541
	2/23/93	363	0.7541
10	2/24/93	364	1.0720
	3/21/93	389	1.0720
11	3/22/93	390	0.4652
	5/1/93	430	0.4652

WSRC DATA & CHART

FILE NAME:

22CH4.XLS

Campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.2396
	8/6/92	162	0.2396
4	8/7/92	163	1.2931
	10/21/92	238	1.2931
5	10/22/92	239	1.7553
	10/24/92	241	1.7553
6	10/25/92	242	0.8511
	11/7/92	255	0.8511
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	1.1194
	12/8/92	286	1.1194
9	12/9/92	287	0.3517
	2/23/93	363	0.3517
10	2/24/93	364	0.4364
	3/21/93	389	0.4364
11	3/22/93	390	0.2007
	5/1/93	430	0.2007

WSRC DATA & CHART

FILE NAME:

58VACUUM.XLS

Campaign Intervals			
	DATES	DAYS	VACUUM IN HG
1	2/26/92	0	0.0
	3/19/92	22	0.0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	5.8
	8/6/92	162	5.8
4	8/7/92	163	4.4
	10/21/92	238	4.4
5	10/22/92	239	7.5
	10/24/92	241	7.5
6	10/25/92	242	8.0
	11/7/92	255	8.0
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	7.9
	12/8/92	286	7.9
9	12/9/92	287	7.7
	2/23/93	363	7.7
10	2/24/93	364	3.9
	3/21/93	389	3.9
11	3/22/93	390	4.4
	5/1/93	430	4.4

WSRC DATA & CHART

FILE NAME:

58VC.XLS

Campaign Intervals

	DATES	DAYS	VC (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	5
	10/21/92	238	5
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

58TCE.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	14
	8/6/92	162	14
4	8/7/92	163	47
	10/21/92	238	47
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	9
	11/7/92	255	9
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

58PCE.XLS

Campaign Intervals

	DATES	DAYS	PCE (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	14
	8/6/92	162	14
4	8/7/92	163	50
	10/21/92	238	50
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	7
	11/7/92	255	7
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

58VOC.XLS

Campaign Intervals

	DATES	DAYS	VOC (PPM)
1	2/28/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	28
	8/6/92	162	28
4	8/7/92	163	103
	10/21/92	238	103
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	15
	11/7/92	255	15
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

58CO2.XLS

Campaign Intervals

	DATES	DAYS	CO2 %
1	2/26/92	0	0.00
	3/19/92	22	0.00
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.23
	8/6/92	162	0.23
4	8/7/92	163	0.72
	10/21/92	238	0.72
5	10/22/92	239	0.00
	10/24/92	241	0.00
6	10/25/92	242	0.12
	11/7/92	255	0.12
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.00
	12/8/92	286	0.00
9	12/9/92	287	0.00
	2/23/93	363	0.00
10	2/24/93	364	0.00
	3/21/93	389	0.00
11	3/22/93	390	0.00
	5/1/93	430	0.00

WSRC DATA & CHART

FILE NAME:

98VACUUM.XLS

Campaign Intervals

	DATES	DAYS	VACUUM IN HG
1	2/26/92	0	0.00
	3/19/92	22	0.00
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.87
	8/6/92	162	0.87
4	8/7/92	163	0.73
	10/21/92	238	0.73
5	10/22/92	239	0.00
	10/24/92	241	0.00
6	10/25/92	242	0.00
	11/7/92	255	0.00
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.00
	12/8/92	286	0.00
9	12/9/92	287	0.14
	2/23/93	363	0.14
10	2/24/93	364	0.43
	3/21/93	389	0.43
11	3/22/93	390	1.65
	5/1/93	430	1.65

DATES

DAYS

VACUUM IN HG

138VACUU.XLS

WSRC DATA & CHART

FILE NAME:

138VACUU.XLS

Campaign Intervals

	DATES	DAYS	VACUUM IN HG
1	2/28/92	0	0.0
	3/19/92	22	0.0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	2.3
	8/6/92	162	2.3
4	8/7/92	163	2.9
	10/21/92	238	2.9
5	10/22/92	239	2.3
	10/24/92	241	2.3
6	10/25/92	242	1.4
	11/7/92	255	1.4
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	2.3
	12/8/92	286	2.3
9	12/9/92	287	2.4
	2/23/93	363	2.4
10	2/24/93	364	0.0
	3/21/93	389	0.0
11	3/22/93	390	0.0
	5/1/93	430	0.0

WSRC DATA & CHART

FILE NAME:

179VACUU.XLS

Campaign Intervals

	DATES	DAYS	VACUUM IN HG
1	2/26/92	0	0.0
	3/19/92	22	0.0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.0
	8/6/92	162	0.0
4	8/7/92	163	0.6
	10/21/92	238	0.6
5	10/22/92	239	0.0
	10/24/92	241	0.0
6	10/25/92	242	0.0
	11/7/92	255	0.0
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.4
	12/8/92	286	0.4
9	12/9/92	287	0.4
	2/23/93	363	0.4
10	2/24/93	364	0.0
	3/21/93	389	0.0
11	3/22/93	390	0.0
	5/1/93	430	0.0

WSRC DATA & CHART

FILE NAME:

20INJBT.XLS

Campaign Intervals

	DATES	DAYS	PRESS PSIG
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	29
	8/6/92	162	29
4	8/7/92	163	29
	10/21/92	238	29
5	10/22/92	239	26
	10/24/92	241	26
6	10/25/92	242	26
	11/7/92	255	26
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	18
	2/23/93	363	18
10	2/24/93	364	18
	3/21/93	389	18
11	3/22/93	390	16
	5/1/93	430	16

DATES

DAYS

CH4 %

20INJCH4.XLS

WSRC DATA & CHART

FILE NAME:

20INJCH4.XLS

Campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	1.0303
	8/6/92	162	1.0303
4	8/7/92	163	4.2446
	10/21/92	238	4.2446
5	10/22/92	239	4.2320
	10/24/92	241	4.2320
6	10/25/92	242	2.2532
	11/7/92	255	2.2532
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	3.6081
	2/23/93	363	3.6081
10	2/24/93	364	3.7308
	3/21/93	389	3.7308
11	3/22/93	390	3.6223
	5/1/93	430	3.6223

WSRC DATA & CHART

FILE NAME:

120INJPR.XLS

Campaign Intervals

	DATES	DAYS	PRESSURE (PGIG)
1	2/26/92	0	#N/A
	3/19/92	22	#N/A
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	25
	8/6/92	162	25
4	8/7/92	163	28
	10/21/92	238	28
5	10/22/92	239	23
	10/24/92	241	23
6	10/25/92	242	26
	11/7/92	255	26
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	18
	2/23/93	363	18
10	2/24/93	364	4
	3/21/93	389	4
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

120INJCH4.XLS

campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	0.00
	3/19/92	22	0.00
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.99
	8/6/92	162	0.99
4	8/7/92	163	3.93
	10/21/92	238	3.93
5	10/22/92	239	4.29
	10/24/92	241	4.29
6	10/25/92	242	2.01
	11/7/92	255	2.01
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	2.44
	2/23/93	363	2.44
10	2/24/93	364	0.00
	3/21/93	389	0.00
11	3/22/93	390	0.00
	5/1/93	430	0.00

WSRC DATA & CHART

FILE NAME:

180INJPR.XLS

Campaign Intervals

	DATES	DAYS	PRESSURE (PSIG)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	17
	8/6/92	162	17
4	8/7/92	163	6
	10/21/92	238	6
5	10/22/92	239	29
	10/24/92	241	29
6	10/25/92	242	30
	11/7/92	255	30
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	4
	2/23/93	363	4
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

180INJCO.XLS

Campaign Intervals

	DATES	DAYS	CO2 %
1	2/26/92	0	0.00
	3/19/92	22	0.00
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.00
	8/6/92	162	0.00
4	8/7/92	163	0.00
	10/21/92	238	0.00
5	10/22/92	239	0.00
	10/24/92	241	0.00
6	10/25/92	242	0.00
	11/7/92	255	0.00
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	0.70
	2/23/93	363	0.70
10	2/24/93	364	9.75
	3/21/93	389	9.75
11	3/22/93	390	3.50
	5/1/93	430	3.50

WSRC DATA & CHART

FILE NAME:

240INJPR.XLS

Campaign Intervals

	DATES	DAYS	psig
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	25
	8/6/92	162	25
4	8/7/92	163	12
	10/21/92	238	12
5	10/22/92	239	20
	10/24/92	241	20
6	10/25/92	242	20
	11/7/92	255	20
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

240INJCH.XLS

Campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.8075
	8/6/92	162	0.8075
4	8/7/92	163	1.8460
	10/21/92	238	1.8460
5	10/22/92	239	3.7827
	10/24/92	241	3.7827
6	10/25/92	242	0.0000
	11/7/92	255	0.0000
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	0.0000
	2/23/93	363	0.0000
10	2/24/93	364	0.0000
	3/21/93	389	0.0000
11	3/22/93	390	0.0000
	5/1/93	430	0.0000

WSRC DATA & CHART

FILE NAME:

298INJPR.XLS

Campaign Intervals

	DATES	DAYS	PSIG
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	22
	8/6/92	162	22
4	8/7/92	163	16
	10/21/92	238	16
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

298INJCH.XLS

Campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.8324
	8/6/92	162	0.8324
4	8/7/92	163	2.3456
	10/21/92	238	2.3456
5	10/22/92	239	0.0000
	10/24/92	241	0.0000
6	10/25/92	242	0.0000
	11/7/92	255	0.0000
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	#DIV/0!
	12/8/92	286	#DIV/0!
9	12/9/92	287	0.0000
	2/23/93	363	0.0000
10	2/24/93	364	0.0000
	3/21/93	389	0.0000
11	3/22/93	390	0.0000
	5/1/93	430	0.0000

WSRC DATA & CHART

FILE NAME:

AVACMHV1.XLS

Campaign Intervals

	DATES	DAYS	VACUUM IN. HG.
1	2/26/92	0	0.5
	3/19/92	22	0.5
2	3/20/92	23	0.9
	4/21/92	55	0.9
3	4/22/92	56	1.2
	8/6/92	162	1.2
4	8/7/92	163	0.8
	10/21/92	238	0.8
5	10/22/92	239	1.0
	10/24/92	241	1.0
6	10/25/92	242	0.6
	11/7/92	255	0.6
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.7
	12/8/92	286	0.7
9	12/9/92	287	0.3
	2/23/93	363	0.3
10	2/24/93	364	1.9
	3/21/93	389	1.9
11	3/22/93	390	1.0
	5/1/93	430	1.0

WSRC DATA & CHART

FILE NAME:

ATCEMHV1.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	69
	3/19/92	22	69
2	3/20/92	23	27
	4/21/92	55	27
3	4/22/92	56	146
	8/6/92	162	146
4	8/7/92	163	118
	10/21/92	238	118
5	10/22/92	239	69
	10/24/92	241	69
6	10/25/92	242	66
	11/7/92	255	66
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	54
	12/8/92	286	54
9	12/9/92	287	42
	2/23/93	363	42
10	2/24/93	364	31
	3/21/93	389	31
11	3/22/93	390	46
	5/1/93	430	46

WSRC DATA & CHART

FILE NAME:

APCEMHV1.XLS

Campaign Intervals

	DATES	DAYS	PCE (PPM)
1	2/26/92	0	46
	3/19/92	22	46
2	3/20/92	23	19
	4/21/92	55	19
3	4/22/92	56	122
	8/6/92	162	122
4	8/7/92	163	56
	10/21/92	238	56
5	10/22/92	239	29
	10/24/92	241	29
6	10/25/92	242	27
	11/7/92	255	27
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	23
	12/8/92	286	23
9	12/9/92	287	22
	2/23/93	363	22
10	2/24/93	364	55
	3/21/93	389	55
11	3/22/93	390	33
	5/1/93	430	33

AIM

Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910

301/587-8202

Centimeter

Inches

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BY APPLIED IMAGE, INC.

5 of 5

WSRC DATA & CHART

FILE NAME:

APCEMHV1.XLS

Campaign Intervals

	DATES	DAYS	PCE (PPM)
1	2/26/92	0	46
	3/19/92	22	46
2	3/20/92	23	19
	4/21/92	55	19
3	4/22/92	56	122
	8/6/92	162	122
4	8/7/92	163	56
	10/21/92	238	56
5	10/22/92	239	29
	10/24/92	241	29
6	10/25/92	242	27
	11/7/92	255	27
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	23
	12/8/92	286	23
9	12/9/92	287	22
	2/23/93	363	22
10	2/24/93	364	55
	3/21/93	389	55
11	3/22/93	390	33
	5/1/93	430	33

WSRC DATA & CHART

FILE NAME:

AVOCMHV1.XLS

Campaign Intervals

	DATES	DAYS	VOC (PPM)
1	2/26/92	0	115
	3/19/92	22	115
2	3/20/92	23	46
	4/21/92	55	46
3	4/22/92	56	268
	8/6/92	162	268
4	8/7/92	163	198
	10/21/92	238	198
5	10/22/92	239	120
	10/24/92	241	120
6	10/25/92	242	112
	11/7/92	255	112
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	80
	12/8/92	286	80
9	12/9/92	287	64
	2/23/93	363	64
10	2/24/93	364	86
	3/21/93	389	86
11	3/22/93	390	80
	5/1/93	430	80

WSRC DATA & CHART

FILE NAME:

ACO2MHV1.XLS

Campaign Intervals

	DATES	DAYS	CO2 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	0.2250
	4/21/92	55	0.2250
3	4/22/92	56	0.2427
	8/6/92	162	0.2427
4	8/7/92	163	0.2233
	10/21/92	238	0.2233
5	10/22/92	239	0.3730
	10/24/92	241	0.3730
6	10/25/92	242	0.4106
	11/7/92	255	0.4106
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.3294
	12/8/92	286	0.3294
9	12/9/92	287	0.2185
	2/23/93	363	0.2185
10	2/24/93	364	0.2761
	3/21/93	389	0.2761
11	3/22/93	390	0.3820
	5/1/93	430	0.3820

WSRC DATA & CHART

FILE NAME:

ACH4MHV1.XLS

Campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	#N/A
	3/19/92	22	#N/A
2	3/20/92	23	#N/A
	4/21/92	55	#N/A
3	4/22/92	56	#N/A
	8/6/92	162	#N/A
4	8/7/92	163	#N/A
	10/21/92	238	#N/A
5	10/22/92	239	#N/A
	10/24/92	241	#N/A
6	10/25/92	242	#N/A
	11/7/92	255	#N/A
7	11/8/92	256	#N/A
	11/11/92	259	#N/A
8	11/12/92	260	#N/A
	12/8/92	286	#N/A
9	12/9/92	287	#N/A
	2/23/93	363	#N/A
10	2/24/93	364	#N/A
	3/21/93	389	#N/A
11	3/22/93	390	#N/A
	5/1/93	430	#N/A

WSRC DATA & CHART

FILE NAME:

BVACMHV1.XLS

Campaign Intervals

	DATES	DAYS	VACUUM IN HG
1	2/26/92	0	0.8
	3/19/92	22	0.8
2	3/20/92	23	2.7
	4/21/92	55	2.7
3	4/22/92	56	2.9
	9/6/92	162	2.9
4	8/7/92	163	3.0
	10/21/92	238	3.0
5	10/22/92	239	3.3
	10/24/92	241	3.3
6	10/25/92	242	2.8
	11/7/92	255	2.8
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	2.2
	12/8/92	286	2.2
9	12/9/92	287	1.9
	2/23/93	363	1.9
10	2/24/93	364	3.6
	3/21/93	389	3.6
11	3/22/93	390	2.7
	5/1/93	430	2.7

WSRC DATA & CHART

FILE NAME:

BVCMHV1.XLS

Campaign Intervals

	DATES	DAYS	VC (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	0
	4/21/92	55	0
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	19
	10/21/92	238	19
5	10/22/92	239	12
	10/24/92	241	12
6	10/25/92	242	10
	11/7/92	255	10
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	2
	12/8/92	286	2
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

BDCTMHV1.XLS

Campaign Intervals		DAYS	t-DCE (PPM)
	DATES		
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	0
	4/21/92	55	0
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	5
	10/21/92	238	5
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

BTCEMHV1.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	28
	3/19/92	22	28
2	3/20/92	23	44
	4/21/92	55	44
3	4/22/92	56	36
	8/6/92	162	36
4	8/7/92	163	52
	10/21/92	238	52
5	10/22/92	239	36
	10/24/92	241	36
6	10/25/92	242	33
	11/7/92	255	33
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	21
	12/8/92	286	21
9	12/9/92	287	25
	2/23/93	363	25
10	2/24/93	364	10
	3/21/93	389	10
11	3/22/93	390	9
	5/1/93	430	9

WSRC DATA & CHART

FILE NAME:

BPCEMHV1.XLS

Campaign Intervals

	DATES	DAYS	PCE (PPM)
1	2/26/92	0	15
	3/19/92	22	15
2	3/20/92	23	31
	4/21/92	55	31
3	4/22/92	56	23
	8/6/92	162	23
4	8/7/92	163	30
	10/21/92	238	30
5	10/22/92	239	7
	10/24/92	241	7
6	10/25/92	242	7
	11/7/92	255	7
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	3
	12/8/92	286	3
9	12/9/92	287	4
	2/23/93	363	4
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

BVOCMHV1.XLS

Campaign Intervals

	DATES	DAYS	VOC (PPM)
1	2/26/92	0	42
	3/19/92	22	42
2	3/20/92	23	76
	4/21/92	55	76
3	4/22/92	56	59
	8/6/92	162	59
4	8/7/92	163	107
	10/21/92	238	107
5	10/22/92	239	55
	10/24/92	241	55
6	10/25/92	242	50
	11/7/92	255	50
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	26
	12/8/92	286	26
9	12/9/92	287	29
	2/23/93	363	29
10	2/24/93	364	10
	3/21/93	389	10
11	3/22/93	390	9
	5/1/93	430	9

WSRC DATA & CHART

FILE NAME:

BCO2MHV1.XLS

Campaign Intervals

	DATES	DAYS	CO2 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	0.2750
	4/21/92	55	0.2750
3	4/22/92	56	0.1555
	8/6/92	162	0.1555
4	8/7/92	163	0.1179
	10/21/92	238	0.1179
5	10/22/92	239	0.1904
	10/24/92	241	0.1904
6	10/25/92	242	0.1729
	11/7/92	255	0.1729
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.0698
	12/8/92	286	0.0698
9	12/9/92	287	0.0186
	2/23/93	363	0.0186
10	2/24/93	364	0.0818
	3/21/93	389	0.0818
11	3/22/93	390	0.0000
	5/1/93	430	0.0000

WSRC DATA & CHART

FILE NAME:

BCH4MHV1.XLS

Campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	0.0000
	4/21/92	55	0.0000
3	4/22/92	56	0.1704
	8/6/92	162	0.1704
4	8/7/92	163	1.8173
	10/21/92	238	1.8173
5	10/22/92	239	2.6581
	10/24/92	241	2.6581
6	10/25/92	242	2.1656
	11/7/92	255	2.1656
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.8986
	12/8/92	286	0.8986
9	12/9/92	287	0.4240
	2/23/93	363	0.4240
10	2/24/93	364	0.2144
	3/21/93	389	0.2144
11	3/22/93	390	0.4720
	5/1/93	430	0.4720

WSRC DATA & CHART

FILE NAME:

AVACMHV2.XLS

Campaign Intervals

	DATES	DAYS	VACUUM IN H2O
1	2/26/92	0	0.8
	3/19/92	22	0.8
2	3/20/92	23	0.7
	4/21/92	55	0.7
3	4/22/92	56	1.6
	8/6/92	162	1.6
4	8/7/92	163	1.6
	10/21/92	238	1.6
5	10/22/92	239	1.9
	10/24/92	241	1.9
6	10/25/92	242	1.3
	11/7/92	255	1.3
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	1.2
	12/8/92	286	1.2
9	12/9/92	287	0.6
	2/23/93	363	0.6
10	2/24/93	364	2.2
	3/21/93	389	2.2
11	3/22/93	390	0.7
	5/1/93	430	0.7

WSRC DATA & CHART

FILE NAME:

AVCMHV2.XLS

Campaign Intervals

	DATES	DAYS	VC (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	0
	4/21/92	55	0
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	6
	10/21/92	238	6
5	10/22/92	239	12
	10/24/92	241	12
6	10/25/92	242	18
	11/7/92	255	18
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	6
	12/8/92	286	6
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

ATCEMHV2.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	16
	3/19/92	22	16
2	3/20/92	23	14
	4/21/92	55	14
3	4/22/92	56	20
	8/6/92	162	20
4	8/7/92	163	109
	10/21/92	238	109
5	10/22/92	239	93
	10/24/92	241	93
6	10/25/92	242	111
	11/7/92	255	111
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	87
	12/8/92	286	87
9	12/9/92	287	62
	2/23/93	363	62
10	2/24/93	364	12
	3/21/93	389	12
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

APCEMHV2.XLS

Campaign Intervals

	DATES	DAYS	PCE (PPM)
1	2/26/92	0	24
	3/19/92	22	24
2	3/20/92	23	12
	4/21/92	55	12
3	4/22/92	56	18
	8/6/92	162	18
4	8/7/92	163	57
	10/21/92	238	57
5	10/22/92	239	33
	10/24/92	241	33
6	10/25/92	242	36
	11/7/92	255	36
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	26
	12/8/92	286	26
9	12/9/92	287	20
	2/23/93	363	20
10	2/24/93	364	5
	3/21/93	389	5
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

AVOCMHV2.XLS

Campaign Intervals

	DATES	DAYS	VOC (PPM)
1	2/26/92	0	40
	3/19/92	22	40
2	3/20/92	23	26
	4/21/92	55	26
3	4/22/92	56	37
	8/6/92	162	37
4	8/7/92	163	172
	10/21/92	238	172
5	10/22/92	239	138
	10/24/92	241	138
6	10/25/92	242	165
	11/7/92	255	165
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	120
	12/8/92	286	120
9	12/9/92	287	82
	2/23/93	363	82
10	2/24/93	364	17
	3/21/93	389	17
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

ACO2MHV2.XLS

Campaign Intervals

	DATES	DAYS	CO2 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	0.0250
	4/21/92	55	0.0250
3	4/22/92	56	0.0911
	8/6/92	162	0.0911
4	8/7/92	163	0.4997
	10/21/92	238	0.4997
5	10/22/92	239	0.4058
	10/24/92	241	0.4058
6	10/25/92	242	0.3507
	11/7/92	255	0.3507
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.2725
	12/8/92	286	0.2725
9	12/9/92	287	0.2262
	2/23/93	363	0.2262
10	2/24/93	364	0.0607
	3/21/93	389	0.0607
11	3/22/93	390	0.0456
	5/1/93	430	0.0456

WSRC DATA & CHART

FILE NAME:

ACH4MHV2.XLS

Campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	0.0000
	4/21/92	55	0.0000
3	4/22/92	56	0.0736
	8/6/92	162	0.0736
4	8/7/92	163	0.5108
	10/21/92	238	0.5108
5	10/22/92	239	2.0203
	10/24/92	241	2.0203
6	10/25/92	242	2.0192
	11/7/92	255	2.0192
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	2.1458
	12/8/92	286	2.1458
9	12/9/92	287	1.0968
	2/23/93	363	1.0968
10	2/24/93	364	0.0532
	3/21/93	389	0.0532
11	3/22/93	390	0.0210
	5/1/93	430	0.0210

WSRC DATA & CHART

FILE NAME:

BVACMHV2.XLS

Campaign Intervals

	DATES	DAYS	VACUUM IN H2O
1	2/26/92	0	2.0
	3/19/92	22	2.0
2	3/20/92	23	1.6
	4/21/92	55	1.6
3	4/22/92	56	2.2
	8/6/92	162	2.2
4	8/7/92	163	1.8
	10/21/92	238	1.8
5	10/22/92	239	2.1
	10/24/92	241	2.1
6	10/25/92	242	1.6
	11/7/92	255	1.6
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	1.4
	12/8/92	286	1.4
9	12/9/92	287	0.9
	2/23/93	363	0.9
10	2/24/93	364	2.6
	3/21/93	389	2.6
11	3/22/93	390	1.6
	5/1/93	430	1.6

WSRC DATA & CHART

FILE NAME:

BVCMHV2.XLS

Campaign Intervals

	DATES	DAYS	VC (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	0
	4/21/92	55	0
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	4
	10/21/92	238	4
	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

BTCEMHV2.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	16
	3/19/92	22	16
2	3/20/92	23	8
	4/21/92	55	8
3	4/22/92	56	7
	8/6/92	162	7
4	8/7/92	163	18
	10/21/92	238	18
5	10/22/92	239	6
	10/24/92	241	6
6	10/25/92	242	7
	11/7/92	255	7
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	5
	12/8/92	286	5
9	12/9/92	287	8
	2/23/93	363	8
10	2/24/93	364	2
	3/21/93	389	2
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

BPCEMHV2.XLS

Campaign Intervals

	DATES	DAYS	PCE (PPM)
1	2/26/92	0	27
	3/19/92	22	27
2	3/20/92	23	9
	4/21/92	55	9
3	4/22/92	56	10
	8/6/92	162	10
4	8/7/92	163	20
	10/21/92	238	20
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	3
	2/23/93	363	3
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

BVOCMHV2.XLS

Campaign Intervals

	DATES	DAYS	VOC (PPM)
1	2/26/92	0	42
	3/19/92	22	42
2	3/20/92	23	16
	4/21/92	55	16
3	4/22/92	56	17
	8/6/92	162	17
4	8/7/92	163	42
	10/21/92	238	42
5	10/22/92	239	6
	10/24/92	241	6
6	10/25/92	242	7
	11/7/92	255	7
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	5
	12/8/92	286	5
9	12/9/92	287	11
	2/23/93	363	11
10	2/24/93	364	2
	3/21/93	389	2
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

BCO2MHV2.XLS

Campaign Intervals

	DATES	DAYS	CO2 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	0.2425
	4/21/92	55	0.2425
3	4/22/92	56	0.2038
	8/6/92	162	0.2038
4	8/7/92	163	1.4435
	10/21/92	238	1.4435
5	10/22/92	239	1.9123
	10/24/92	241	1.9123
6	10/25/92	242	1.7619
	11/7/92	255	1.7619
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	1.2715
	12/8/92	286	1.2715
9	12/9/92	287	1.3360
	2/23/93	363	1.3360
10	2/24/93	364	1.0859
	3/21/93	389	1.0859
11	3/22/93	390	1.3742
	5/1/93	430	1.3742

WSRC DATA & CHART

FILE NAME:

BCH4MHV2.XLS

Campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	0.0000
	4/21/92	55	0.0000
3	4/22/92	56	0.0112
	8/6/92	162	0.0112
4	8/7/92	163	0.2089
	10/21/92	238	0.2089
5	10/22/92	239	0.6721
	10/24/92	241	0.6721
6	10/25/92	242	0.6581
	11/7/92	255	0.6581
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.5859
	12/8/92	286	0.5859
9	12/9/92	287	0.5110
	2/23/93	363	0.5110
10	2/24/93	364	0.3373
	3/21/93	389	0.3373
11	3/22/93	390	0.4429
	5/1/93	430	0.4429

VSRC DATA & CHART

FILE NAME:

CVACMHV2.XLS

Campaign Intervals			
	DATES	DAYS	VACUUM IN H2O
1	2/26/92	0	2.4
	3/19/92	22	2.4
2	3/20/92	23	3.8
	4/21/92	55	3.8
3	4/22/92	56	4.4
	8/6/92	162	4.4
4	8/7/92	163	5.0
	10/21/92	238	5.0
5	10/22/92	239	5.3
	10/24/92	241	5.3
6	10/25/92	242	4.7
	11/7/92	255	4.7
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	4.0
	12/8/92	286	4.0
9	12/9/92	287	3.5
	2/23/93	363	3.5
10	2/24/93	364	5.7
	3/21/93	389	5.7
11	3/22/93	390	4.7
	5/1/93	430	4.7

WSRC DATA & CHART

FILE NAME:

CVCMHV2.XLS

Campaign Intervals

	DATES	DAYS	VC (PPM)
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	0
	4/21/92	55	0
3	4/22/92	56	1
	8/6/92	162	1
4	8/7/92	163	3
	10/21/92	238	3
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

CTCEMHV2.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	4
	3/19/92	22	4
2	3/20/92	23	4
	4/21/92	55	4
3	4/22/92	56	8
	8/6/92	162	8
4	8/7/92	163	21
	10/21/92	238	21
5	10/22/92	239	9
	10/24/92	241	9
6	10/25/92	242	10
	11/7/92	255	10
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	5
	12/8/92	286	5
9	12/9/92	287	4
	2/23/93	363	4
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WVSR DATA & CHART

FILE NAME:

CPCEMHV2.XLS

Campaign Intervals

	DATES	DAYS	PCE (PPM)
1	2/26/92	0	9
	3/19/92	22	9
2	3/20/92	23	6
	4/21/92	55	6
3	4/22/92	56	9
	8/6/92	162	9
4	8/7/92	163	18
	10/21/92	238	18
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

CVOCMHV2.XLS

Campaign Intervals

	DATES	DAYS	VOC (PPM)
1	2/26/92	0	13
	3/19/92	22	13
2	3/20/92	23	10
	4/21/92	55	10
3	4/22/92	56	18
	8/6/92	162	18
4	8/7/92	163	41
	10/21/92	238	41
5	10/22/92	239	9
	10/24/92	241	9
6	10/25/92	242	10
	11/7/92	255	10
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	5
	12/8/92	286	5
9	12/9/92	287	4
	2/23/93	363	4
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

FILE NAME:

CCO2MHV2.XLS

Campaign Intervals

	DATES	DAYS	CO2 %
1	2/26/92	0	0.0517
	3/19/92	22	0.0517
2	3/20/92	23	0.0600
	4/21/92	55	0.0600
3	4/22/92	56	0.6689
	8/6/92	162	0.6689
4	8/7/92	163	2.3649
	10/21/92	238	2.3649
5	10/22/92	239	1.8814
	10/24/92	241	1.8814
6	10/25/92	242	1.5701
	11/7/92	255	1.5701
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	1.1187
	12/8/92	286	1.1187
9	12/9/92	287	1.4624
	2/23/93	363	1.4624
10	2/24/93	364	1.6453
	3/21/93	389	1.6453
11	3/22/93	390	1.8202
	5/1/93	430	1.8202

WSRC DATA & CHART

FILE NAME:

CCH4MHV2.XLS

Campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	0.0000
	4/21/92	55	0.0000
3	4/22/92	56	0.0093
	8/6/92	162	0.0093
4	8/7/92	163	0.2441
	10/21/92	238	0.2441
5	10/22/92	239	0.3317
	10/24/92	241	0.3317
6	10/25/92	242	0.2889
	11/7/92	255	0.2889
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.2068
	12/8/92	286	0.2068
9	12/9/92	287	0.1247
	2/23/93	363	0.1247
10	2/24/93	364	0.0201
	3/21/93	389	0.0201
11	3/22/93	390	0.0538
	5/1/93	430	0.0538

WSRC DATA & CHART

FILE NAME:

AVACMHV3.XLS

Campaign Intervals

	DATES	DAYS	VACUUM IN. HG.
1	2/26/92	0	1.0
	3/19/92	22	1.0
2	3/20/92	23	0.7
	4/21/92	55	0.7
3	4/22/92	56	1.1
	8/6/92	162	1.1
4	8/7/92	163	0.8
	10/21/92	238	0.8
5	10/22/92	239	1.0
	10/24/92	241	1.0
6	10/25/92	242	0.6
	11/7/92	255	0.6
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.5
	12/8/92	286	0.5
9	12/9/92	287	0.3
	2/23/93	363	0.3
10	2/24/93	364	1.8
	3/21/93	389	1.8
11	3/22/93	390	#DIV/0!
	5/1/93	430	#DIV/0!

WSRC DATA & CHART

FILE NAME:

ATCEMHV3.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	7
	3/19/92	22	7
2	3/20/92	23	22
	4/21/92	55	22
3	4/22/92	56	25
	8/6/92	162	25
4	8/7/92	163	143
	10/21/92	238	143
5	10/22/92	239	129
	10/24/92	241	129
6	10/25/92	242	126
	11/7/92	255	126
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	65
	12/8/92	286	65
9	12/9/92	287	84
	2/23/93	363	84
10	2/24/93	364	59
	3/21/93	389	59
11	3/22/93	390	56
	5/1/93	430	56

WSRC DATA & CHART

FILE NAME:

APCEMHV3.XLS

Campaign Intervals

	DATES	DAYS	PCE (PPM)
1	2/26/92	0	7
	3/19/92	22	7
2	3/20/92	23	17
	4/21/92	55	17
3	4/22/92	56	19
	8/6/92	162	19
4	8/7/92	163	65
	10/21/92	238	65
5	10/22/92	239	49
	10/24/92	241	49
6	10/25/92	242	47
	11/7/92	255	47
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	23
	12/8/92	286	23
9	12/9/92	287	38
	2/23/93	363	38
10	2/24/93	364	18
	3/21/93	389	18
11	3/22/93	390	#DIV/0!
	5/1/93	430	#DIV/0!

WSRC DATA & CHART

FILE NAME:

AVOCMHV3.XLS

Campaign Intervals

	DATES	DAYS	VOC (PPM)
1	2/28/92	0	18
	3/19/92	22	18
2	3/20/92	23	39
	4/21/92	55	39
3	4/22/92	56	44
	8/6/92	162	44
4	8/7/92	163	218
	10/21/92	238	218
5	10/22/92	239	196
	10/24/92	241	196
6	10/25/92	242	199
	11/7/92	255	199
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	96
	12/8/92	286	96
9	12/9/92	287	122
	2/23/93	363	122
10	2/24/93	364	78
	3/21/93	389	78
11	3/22/93	390	70
	5/1/93	430	70

WSRC DATA & CHART

FILE NAME:

ACO2MHV3.XLS

Campaign Intervals

	DATES	DAYS	CO2 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	0.1100
	4/21/92	55	0.1100
3	4/22/92	56	0.0629
	8/6/92	162	0.0629
4	8/7/92	163	0.3294
	10/21/92	238	0.3294
5	10/22/92	239	0.3084
	10/24/92	241	0.3084
6	10/25/92	242	0.3607
	11/7/92	255	0.3607
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	0.1689
	12/8/92	286	0.1689
9	12/9/92	287	0.2187
	2/23/93	363	0.2187
10	2/24/93	364	0.1784
	3/21/93	389	0.1784
11	3/22/93	390	0.3181
	5/1/93	430	0.3181

WSRC DATA & CHART

FILE NAME:

ACH4MHV3.XLS

Campaign Intervals

	DATES	DAYS	CH4 %
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	0.0000
	4/21/92	55	0.0000
3	4/22/92	56	0.0152
	8/6/92	162	0.0152
4	8/7/92	163	1.0586
	10/21/92	238	1.0586
5	10/22/92	239	1.9525
	10/24/92	241	1.9525
6	10/25/92	242	2.6455
	11/7/92	255	2.6455
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	1.6001
	12/8/92	286	1.6001
9	12/9/92	287	1.0314
	2/23/93	363	1.0314
10	2/24/93	364	0.1268
	3/21/93	389	0.1268
11	3/22/93	390	0.2842
	5/1/93	430	0.2842

A & CHART

FILE NAME:

BVACMHV3.XLS

n Intervals DATES	DAYS	VACUUM IN H2O
2/26/92	0	1.5
3/19/92	22	1.5
3/20/92	23	0.9
4/21/92	55	1.2
4/22/92	56	1.0
8/6/92	162	1.0
8/7/92	163	0.7
10/21/92	238	0.5
10/22/92	239	0.0
10/24/92	241	0.5
10/25/92	242	0.3
11/7/92	255	1.9
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.6
12/8/92	286	0.6
12/9/92	287	0.0
2/23/93	363	0.0
2/24/93	364	0.0
3/21/93	389	0.0
3/22/93	390	0.0
5/1/93	430	0.0

A & CHART

FILE NAME: BVCMHV3.XLS

n Intervals DATES	DAYS	VC (PPM)
2/26/92	0	0
3/19/92	22	0
3/20/92	23	0
4/21/92	55	0
4/22/92	56	0
8/6/92	162	0
8/7/92	163	8.1
10/21/92	238	8
10/22/92	239	18
10/24/92	241	18
10/25/92	242	23
11/7/92	255	23
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	6.5
12/8/92	286	7
12/9/92	287	0
2/23/93	363	0
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

A & CHART

FILE NAME:

BTCEMHV3.XLS

n Intervals

DATES	DAYS	TCE (PPM)
2/26/92	0	7
3/19/92	22	7
3/20/92	23	22
4/21/92	55	22
4/22/92	56	25
8/6/92	162	25
8/7/92	163	143
10/21/92	238	143
10/22/92	239	129
10/24/92	241	129
10/25/92	242	126
11/7/92	255	126
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	65
12/8/92	286	65
12/9/92	287	84
2/23/93	363	84
2/24/93	364	59
3/21/93	389	59
3/22/93	390	56
5/1/93	430	56

A & CHART

FILE NAME:

BPCEMHV3.XLS

n Intervals

DATES	DAYS	PCE (PPM)
2/26/92	0	11
3/19/92	22	11
3/20/92	23	17
4/21/92	55	17
4/22/92	56	19
8/6/92	162	19
8/7/92	163	67
10/21/92	238	67
10/22/92	239	49
10/24/92	241	49
10/25/92	242	47
11/7/92	255	47
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	23
12/8/92	286	23
12/9/92	287	38
2/23/93	363	38
2/24/93	364	18
3/21/93	389	18
3/22/93	390	15
5/1/93	430	15

BVOCMHV3.XLS

A & CHART

FILE NAME:

BVOCMHV3.XLS

n Intervals

DATES DAYS VOC (PPM)

2/26/92	0	18
3/19/92	22	18
3/20/92	23	39
4/21/92	55	39
4/22/92	56	44
8/6/92	162	44
8/7/92	163	218
10/21/92	238	218
10/22/92	239	196
10/24/92	241	196
10/25/92	242	199
11/7/92	255	199
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	96
12/8/92	286	96
12/9/92	287	122
2/23/93	363	122
2/24/93	364	78
3/21/93	389	78
3/22/93	390	70
5/1/93	430	70

A & CHART

FILE NAME:

BCO2MHV3.XLS

n Intervals

DATES	DAYS	CO2 %
2/26/92	0	0.0000
3/19/92	22	0.0000
3/20/92	23	0.1100
4/21/92	55	0.1100
4/22/92	56	0.0629
8/6/92	162	0.0629
8/7/92	163	0.3294
10/21/92	238	0.3294
10/22/92	239	0.3084
10/24/92	241	0.3084
10/25/92	242	0.3607
11/7/92	255	0.3607
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.1689
12/8/92	286	0.1689
12/9/92	287	0.2187
2/23/93	363	0.2187
2/24/93	364	0.1784
3/21/93	389	0.1784
3/22/93	390	0.3181
5/1/93	430	0.3181

A & CHART

FILE NAME:

BCH4MHV3.XLS

n Intervals

DATES	DAYS	CH4 %
2/26/92	0	0.0000
3/19/92	22	0.0000
3/20/92	23	0.0000
4/21/92	55	0.0000
4/22/92	56	0.0152
8/6/92	162	0.0152
8/7/92	163	1.0586
10/21/92	238	1.0586
10/22/92	239	1.9525
10/24/92	241	1.9525
10/25/92	242	2.6455
11/7/92	255	2.6455
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	1.6001
12/8/92	286	1.6001
12/9/92	287	1.0314
2/23/93	363	1.0314
2/24/93	364	0.1268
3/21/93	389	0.1268
3/22/93	390	0.2842
5/1/93	430	0.2842

A & CHART

FILE NAME:

CVACMHV3.XLS

n Intervals

DATES	DAYS	VACUUM IN. HG.
2/26/92	0	1.8
3/19/92	22	1.8
3/20/92	23	4.0
4/21/92	55	4.0
4/22/92	56	2.3
8/6/92	162	2.3
8/7/92	163	3.5
10/21/92	238	3.5
10/22/92	239	0.0
10/24/92	241	0.0
10/25/92	242	2.0
11/7/92	255	2.0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.5
12/8/92	286	0.5
12/9/92	287	0.0
2/23/93	363	0.0
2/24/93	364	0.0
3/21/93	389	0.0
3/22/93	390	0.0
5/1/93	430	0.0

A & CHART

FILE NAME:

CDCMMHV3.XLS

n Intervals

DATES	DAYS	DCM (PPM)
2/26/92	0	0
3/19/92	22	0
3/20/92	23	0
4/21/92	55	0
4/22/92	56	0
8/6/92	162	0
8/7/92	163	0
10/21/92	238	0
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0
12/8/92	286	0
12/9/92	287	0
2/23/93	363	0
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

CDCTMHV3.XLS

A & CHART

FILE NAME:

CDCTMHV3.XLS

n Intervals

DATES	DAYS	DCE-t (PPM)
2/26/92	0	0
3/19/92	22	0
3/20/92	23	0
4/21/92	55	0
4/22/92	56	0
8/6/92	162	0
8/7/92	163	0
10/21/92	238	0
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0
12/8/92	286	0
12/9/92	287	0
2/23/93	363	0
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

A & CHART

FILE NAME:

CDCCMHV3.XLS

n Intervals

DATES	DAYS	DCE-c (PPM)
2/26/92	0	0
3/19/92	22	0
3/20/92	23	0
4/21/92	55	0
4/22/92	56	0
8/6/92	162	0
8/7/92	163	0
10/21/92	238	0
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0
12/8/92	286	0
12/9/92	287	0
2/23/93	363	0
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

CTCEMHV3.XLS

A & CHART

FILE NAME:

CTCEMHV3.XLS

n Intervals

DATES	DAYS	TCE (PPM)
2/26/92	0	1
3/19/92	22	1
3/20/92	23	9
4/21/92	55	9
4/22/92	56	7
8/6/92	162	7
8/7/92	163	8
10/21/92	238	8
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0
12/8/92	286	0
12/9/92	287	0
2/23/93	363	0
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

CPCEMHV3.XLS

A & CHART

FILE NAME:

CPCEMHV3.XLS

n Intervals	DAYS	PCE (PPM)
DATES		
2/26/92	0	2
3/19/92	22	2
3/20/92	23	9
4/21/92	55	9
4/22/92	56	9
8/6/92	162	9
8/7/92	163	10
10/21/92	238	10
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0
12/8/92	286	0
12/9/92	287	0
2/23/93	363	0
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

A & CHART

FILE NAME:

CVOCMHV3.XLS

n Intervals

DATES	DAYS	VOC (PPM)
2/26/92	0	3
3/19/92	22	3
3/20/92	23	17
4/21/92	55	17
4/22/92	56	17
8/6/92	162	17
8/7/92	163	18
10/21/92	238	18
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0
12/8/92	286	0
12/9/92	287	0
2/23/93	363	0
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

A & CHART

FILE NAME:

CCO2MHV3.XLS

n Intervals	DATES	DAYS	CO2 %
	2/26/92	0	0.0000
	3/19/92	22	0.0000
	3/20/92	23	0.0275
	4/21/92	55	0.0275
	4/22/92	56	0.0011
	8/6/92	162	0.0011
	8/7/92	163	0.0000
	10/21/92	238	0.0000
	10/22/92	239	0.0000
	10/24/92	241	0.0000
	10/25/92	242	0.0000
	11/7/92	255	0.0000
	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
	11/12/92	260	0.0000
	12/8/92	286	0.0000
	12/9/92	287	0.0000
	2/23/93	363	0.0000
	2/24/93	364	0.0000
	3/21/93	389	0.0000
	3/22/93	390	0.0000
	5/1/93	430	0.0000

A & CHART

FILE NAME:

CCH4MHV3.XLS

n Intervals

DATES	DAYS	CH4 %
2/26/92	0	0.0000
3/19/92	22	0.0000
3/20/92	23	0.0000
4/21/92	55	0.0000
4/22/92	56	0.0000
8/6/92	162	0.0000
8/7/92	163	0.0000
10/21/92	238	0.0000
10/22/92	239	0.0000
10/24/92	241	0.0000
10/25/92	242	0.0000
11/7/92	255	0.0000
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.0000
12/8/92	286	0.0000
12/9/92	287	0.0000
2/23/93	363	0.0000
2/24/93	364	0.0000
3/21/93	389	0.0000
3/22/93	390	0.0000
5/1/93	430	0.0000

A & CHART

FILE NAME:

AVACMHV4.XLS

n Intervals DATES	DAYS	VACUUM IN. H2O
2/26/92	0	1.5
3/19/92	22	1.5
3/20/92	23	0.8
4/21/92	55	0.8
4/22/92	56	1.4
8/6/92	162	1.4
8/7/92	163	1.1
10/21/92	238	1.1
10/22/92	239	1.3
10/24/92	241	1.3
10/25/92	242	0.8
11/7/92	255	0.8
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.7
12/8/92	286	0.7
12/9/92	287	0.3
2/23/93	363	0.3
2/24/93	364	1.9
3/21/93	389	1.9
3/22/93	390	0.9
5/1/93	430	0.9

A & CHART

FILE NAME:

AVCMHV4.XLS

n Intervals

DATES	DAYS	VC (PPM)
2/26/92	0	0
3/19/92	22	0
3/20/92	23	0
4/21/92	55	0
4/22/92	56	0
8/6/92	162	0
8/7/92	163	15
10/21/92	238	15
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	2
12/8/92	286	2
12/9/92	287	0
2/23/93	363	0
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

DATES

DAYS

TCE (PPM)

ATCEMHV4.XLS

WSRC DATA & CHART

FILE NAME:

ATCEMHV4.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	458
	3/19/92	22	458
2	3/20/92	23	517
	4/21/92	55	517
3	4/22/92	56	1713
	8/6/92	162	1713
4	8/7/92	163	2045
	10/21/92	238	2045
5	10/22/92	239	1399
	10/24/92	241	1399
6	10/25/92	242	1698
	11/7/92	255	1698
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	3130
	12/8/92	286	3130
9	12/9/92	287	8284
	2/23/93	363	8284
10	2/24/93	364	4310
	3/21/93	389	4310
11	3/22/93	390	2207
	5/1/93	430	2207

A & CHART

FILE NAME:

APCEMHV4.XLS

n Intervals

DATES	DAYS	PCE (PPM)
2/26/92	0	105
3/19/92	22	105
3/20/92	23	131
4/21/92	55	131
4/22/92	56	351
8/6/92	162	351
8/7/92	163	447
10/21/92	238	447
10/22/92	239	112
10/24/92	241	112
10/25/92	242	167
11/7/92	255	167
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	328
12/8/92	286	328
12/9/92	287	1013
2/23/93	363	1013
2/24/93	364	510
3/21/93	389	510
3/22/93	390	158
5/1/93	430	158

A & CHART

FILE NAME:

AVOCMHV4.XLS

n Intervals DATES	DAYS	VOC (PPM)
2/26/92	0	562
3/19/92	22	562
3/20/92	23	648
4/21/92	55	648
4/22/92	56	2064
8/6/92	162	2064
8/7/92	163	2507
10/21/92	238	2507
10/22/92	239	1511
10/24/92	241	1511
10/25/92	242	1865
11/7/92	255	1865
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	3459
12/8/92	286	3459
12/9/92	287	9298
2/23/93	363	9298
2/24/93	364	4843
3/21/93	389	4843
3/22/93	390	2365
5/1/93	430	2365

ACO2MHV4.XLS

A & CHART

FILE NAME:

ACO2MHV4.XLS

n Intervals

DATES	DAYS	CO2 %
2/26/92	0	0.0000
3/19/92	22	0.0000
3/20/92	23	0.6975
4/21/92	55	0.6975
4/22/92	56	0.2014
8/6/92	162	0.2014
8/7/92	163	1.2388
10/21/92	238	1.2388
10/22/92	239	1.1638
10/24/92	241	1.1638
10/25/92	242	1.5105
11/7/92	255	1.5105
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.9966
12/8/92	286	0.9966
12/9/92	287	1.3914
2/23/93	363	1.3914
2/24/93	364	1.2087
3/21/93	389	1.2087
3/22/93	390	1.3397
5/1/93	430	1.3397

A & CHART

FILE NAME: ACH4MHV4.XLS

n Intervals DATES	DAYS	CH4 %
2/26/92	0	0.0000
3/19/92	22	0.0000
3/20/92	23	0.0000
4/21/92	55	0.0000
4/22/92	56	0.0029
8/6/92	162	0.0029
8/7/92	163	0.2560
10/21/92	238	0.2560
10/22/92	239	0.4038
10/24/92	241	0.4038
10/25/92	242	0.4901
11/7/92	255	0.4901
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.2367
12/8/92	286	0.2367
12/9/92	287	0.1663
2/23/93	363	0.1663
2/24/93	364	0.2165
3/21/93	389	0.2165
3/22/93	390	0.3974
5/1/93	430	0.3974

BVACMHV4.XLS

A & CHART

FILE NAME:

BVACMHV4.XLS

n Intervals

DATES	DAYS	VACUUM IN. HG.
2/26/92	0	1.8
3/19/92	22	1.8
3/20/92	23	2.1
4/21/92	55	2.1
4/22/92	56	1.7
8/6/92	162	1.7
8/7/92	163	1.6
10/21/92	238	1.6
10/22/92	239	1.9
10/24/92	241	1.9
10/25/92	242	1.2
11/7/92	255	1.2
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	1.2
12/8/92	286	1.2
12/9/92	287	0.7
2/23/93	363	0.7
2/24/93	364	2.7
3/21/93	389	2.7
3/22/93	390	1.4
5/1/93	430	1.4

A & CHART

FILE NAME:

BTCEMHV4.XLS

n Intervals

DATES	DAYS	TCE (PPM)
2/26/92	0	204
3/19/92	22	204
3/20/92	23	25
4/21/92	55	25
4/22/92	56	107
8/6/92	162	107
8/7/92	163	314
10/21/92	238	314
10/22/92	239	168
10/24/92	241	168
10/25/92	242	468
11/7/92	255	468
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	465
12/8/92	286	465
12/9/92	287	753
2/23/93	363	753
2/24/93	364	233
3/21/93	389	233
3/22/93	390	283
5/1/93	430	283

BVOCMHV4.XLS

A & CHART

FILE NAME:

BVOCMHV4.XLS

n Intervals

DATES	DAYS	VOC (PPM)
2/26/92	0	322
3/19/92	22	322
3/20/92	23	35
4/21/92	55	35
4/22/92	56	216
8/6/92	162	216
8/7/92	163	735
10/21/92	238	735
10/22/92	239	362
10/24/92	241	362
10/25/92	242	1268
11/7/92	255	1268
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	1075
12/8/92	286	1075
12/9/92	287	1748
2/23/93	363	1748
2/24/93	364	483
3/21/93	389	483
3/22/93	390	599
5/1/93	430	599

A & CHART

FILE NAME: BPCEMHV4.XLS

n Intervals	DATES	DAYS	PCE (PPM)
	2/26/92	0	#N/A
	3/19/92	22	#N/A
	3/20/92	23	#N/A
	4/21/92	55	#N/A
	4/22/92	56	#N/A
	8/6/92	162	#N/A
	8/7/92	163	#N/A
	10/21/92	238	#N/A
	10/22/92	239	#N/A
	10/24/92	241	#N/A
	10/25/92	242	#N/A
	11/7/92	255	#N/A
	11/8/92	256	#N/A
	11/11/92	259	#N/A
	11/12/92	260	#N/A
	12/8/92	286	#N/A
	12/9/92	287	#N/A
	2/23/93	363	#N/A
	2/24/93	364	#N/A
	3/21/93	389	#N/A
	3/22/93	390	#N/A
	5/1/93	430	#N/A

A & CHART

FILE NAME:

BCO2MHV4.XLS

n Intervals

DATES	DAYS	CO2 %
2/26/92	0	0.3250
3/19/92	22	0.3250
3/20/92	23	0.1100
4/21/92	55	0.1100
4/22/92	56	0.7066
8/6/92	162	0.7066
8/7/92	163	1.5764
10/21/92	238	1.5764
10/22/92	239	1.7787
10/24/92	241	1.7787
10/25/92	242	1.8702
11/7/92	255	1.8702
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	1.4530
12/8/92	286	1.4530
12/9/92	287	1.3779
2/23/93	363	1.3779
2/24/93	364	1.1486
3/21/93	389	1.1486
3/22/93	390	1.5425
5/1/93	430	1.5425

A & CHART

FILE NAME:

BCH4MHV4.XLS

n Intervals

DATES	DAYS	CH4 %
2/26/92	0	0.0000
3/19/92	22	0.0000
3/20/92	23	0.0000
4/21/92	55	0.0000
4/22/92	56	0.0000
8/6/92	162	0.0000
8/7/92	163	0.0000
10/21/92	238	0.0000
10/22/92	239	0.0000
10/24/92	241	0.0000
10/25/92	242	0.0165
11/7/92	255	0.0165
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.0313
12/8/92	286	0.0313
12/9/92	287	0.0751
2/23/93	363	0.0751
2/24/93	364	0.2236
3/21/93	389	0.2236
3/22/93	390	0.4212
5/1/93	430	0.4212

A & CHART

FILE NAME:

CVACMHV4.XLS

n Intervals

DATES	DAYS	VACUUM IN. H2O
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2/26/92	0	4.1
3/19/92	22	4.1
3/20/92	23	3.6
4/21/92	55	3.6
4/22/92	56	4.1
8/6/92	162	4.1
8/7/92	163	4.7
10/21/92	238	4.7
10/22/92	239	5.0
10/24/92	241	5.0
10/25/92	242	4.3
11/7/92	255	4.3
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	3.2
12/8/92	286	3.2
12/9/92	287	3.3
2/23/93	363	3.3
2/24/93	364	5.5
3/21/93	389	5.5
3/22/93	390	4.5
5/1/93	430	4.5

A & CHART

FILE NAME:

CVCMHV4.XLS

n Intervals	DAYS	VC (PPM)
2/26/92	0	0
3/19/92	22	0
3/20/92	23	0
4/21/92	55	0
4/22/92	56	0
8/6/92	162	0
8/7/92	163	3
10/21/92	238	3
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0
12/8/92	286	0
12/9/92	287	0
2/23/93	363	0
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

A & CHART

FILE NAME:

CTCEMHV4.XLS

n Intervals

DATES	DAYS	TCE (PPM)
2/26/92	0	483
3/19/92	22	483
3/20/92	23	66
4/21/92	55	66
4/22/92	56	48
8/6/92	162	48
8/7/92	163	458
10/21/92	238	458
10/22/92	239	298
10/24/92	241	298
10/25/92	242	824
11/7/92	255	824
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	663
12/8/92	286	663
12/9/92	287	1392
2/23/93	363	1392
2/24/93	364	351
3/21/93	389	351
3/22/93	390	315
5/1/93	430	315

A & CHART

FILE NAME: CPCEMHV4.XLS

n Intervals	DATES	DAYS	PCE (PPM)
	2/26/92	0	181
	3/19/92	22	181
	3/20/92	23	69
	4/21/92	55	69
	4/22/92	56	60
	8/6/92	162	60
	8/7/92	163	589
	10/21/92	238	589
	10/22/92	239	338
	10/24/92	241	338
	10/25/92	242	1225
	11/7/92	255	1225
	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
	11/12/92	260	837
	12/8/92	286	837
	12/9/92	287	1601
	2/23/93	363	1601
	2/24/93	364	305
	3/21/93	389	305
	3/22/93	390	299
	5/1/93	430	299

A & CHART

FILE NAME:

CVOCMHV4.XLS

n Intervals DATES	DAYS	VOC (PPM)
2/26/92	0	664
3/19/92	22	664
3/20/92	23	135
4/21/92	55	135
4/22/92	56	108
8/6/92	162	108
8/7/92	163	1050
10/21/92	238	1050
10/22/92	239	636
10/24/92	241	636
10/25/92	242	2049
11/7/92	255	2049
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	1501
12/8/92	286	1501
12/9/92	287	2993
2/23/93	363	2993
2/24/93	364	656
3/21/93	389	656
3/22/93	390	547
5/1/93	430	547

A & CHART

FILE NAME:

CCO2MHV4.XLS

n Intervals DATES	DAYS	CO2 %
2/26/92	0	0.0000
3/19/92	22	0.0000
3/20/92	23	0.0275
4/21/92	55	0.0275
4/22/92	56	0.1970
8/6/92	162	0.1970
8/7/92	163	2.2301
10/21/92	238	2.2301
10/22/92	239	2.4701
10/24/92	241	2.4701
10/25/92	242	2.2676
11/7/92	255	2.2676
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	1.5079
12/8/92	286	1.5079
12/9/92	287	1.5845
2/23/93	363	1.5845
2/24/93	364	1.3824
3/21/93	389	1.3824
3/22/93	390	1.4744
5/1/93	430	1.4744

CCH4MHV4.XLS

A & CHART

FILE NAME:

CCH4MHV4.XLS

n Intervals

DATES	DAYS	CH4 %
2/26/92	0	0.0000
3/19/92	22	0.0000
3/20/92	23	0.0000
4/21/92	55	0.0000
4/22/92	56	0.0000
8/6/92	162	0.0000
8/7/92	163	0.0070
10/21/92	238	0.0070
10/22/92	239	0.0462
10/24/92	241	0.0462
10/25/92	242	0.0417
11/7/92	255	0.0417
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.0075
12/8/92	286	0.0075
12/9/92	287	0.0407
2/23/93	363	0.0407
2/24/93	364	0.1286
3/21/93	389	0.1286
3/22/93	390	0.1336
5/1/93	430	0.1336

A & CHART

FILE NAME:

ATCEMHV5

n Intervals	DATES	DAYS	TCE (PPM)
	2/26/92	0	37
	3/19/92	22	37
	3/20/92	23	10
	4/21/92	55	10
	4/22/92	56	11
	8/6/92	162	11
	8/7/92	163	16
	10/21/92	238	16
	10/22/92	239	0
	10/24/92	241	0
	10/25/92	242	0
	11/7/92	255	0
	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
	11/12/92	260	0
	12/8/92	286	0
	12/9/92	287	2
	2/23/93	363	2
	2/24/93	364	0
	3/21/93	389	0
	3/22/93	390	4
	5/1/93	430	4

AVOCMHV5.XLS

A & CHART

FILE NAME:

AVOCMHV5.XLS

n Intervals

DATES	DAYS	VOC (PPM)
2/26/92	0	#N/A
3/18/92	22	#N/A
3/20/92	23	76
4/21/92	55	76
4/22/92	56	21
8/6/92	162	21
8/7/92	163	38
10/21/92	238	38
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0
12/8/92	286	0
12/9/92	287	2
2/23/93	363	2
2/24/93	364	0
3/21/93	389	0
3/22/93	390	6
5/1/93	430	6

A & CHART

FILE NAME:

ACO2MHV5.XLS

n Intervals

DATES	DAYS	CO2 %
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	1.3580
4/21/92	55	1.3580
4/22/92	56	2.2012
8/6/92	162	2.2012
8/7/92	163	2.2646
10/21/92	238	2.2646
10/22/92	239	2.0217
10/24/92	241	2.0217
10/25/92	242	2.2036
11/7/92	255	2.2036
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	2.1376
12/8/92	286	2.1376
12/9/92	287	1.6789
2/23/93	363	1.6789
2/24/93	364	2.1283
3/21/93	389	2.1283
3/22/93	390	2.1214
5/1/93	430	2.1214

ACH4MHV5.XLS

A & CHART

FILE NAME:

ACH4MHV5.XLS

n Intervals

DATES	DAYS	CH4 %
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	0.0000
4/21/92	55	0.0000
4/22/92	56	0.0000
8/6/92	162	0.0000
8/7/92	163	0.0000
10/21/92	238	0.0000
10/22/92	239	0.0000
10/24/92	241	0.0000
10/25/92	242	0.0000
11/7/92	255	0.0000
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.0000
12/8/92	286	0.0000
12/9/92	287	0.0000
2/23/93	363	0.0000
2/24/93	364	0.0000
3/21/93	389	0.0000
3/22/93	390	0.0120
5/1/93	430	0.0120

BVACMHV5.XLS

A & CHART

FILE NAME:

BVACMHV5.XLS

n Intervals

DATES DAYS VACUUM IN. H2O

2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	2.4
4/21/92	55	2.4
4/22/92	56	2.8
8/6/92	162	2.8
8/7/92	163	2.9
10/21/92	238	2.9
10/22/92	239	3.1
10/24/92	241	3.1
10/25/92	242	2.5
11/7/92	255	2.5
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	2.2
12/8/92	286	2.2
12/9/92	287	1.6
2/23/93	363	1.6
2/24/93	364	3.5
3/21/93	389	3.5
3/22/93	390	2.6
5/1/93	430	2.6

A & CHART

FILE NAME:

BTCEMHV5.XLS

n Intervals

DATES	DAYS	TCE (PPM)
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	35
4/21/92	55	35
4/22/92	56	11
8/6/92	162	11
8/7/92	163	16
10/21/92	238	16
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	2
12/8/92	286	2
12/9/92	287	1
2/23/93	363	1
2/24/93	364	2
3/21/93	389	2
3/22/93	390	0
5/1/93	430	0

A & CHART

FILE NAME:

BPCEMHV5.XLS

n Intervals	DATES	DAYS	PCE (PPM)
	2/26/92	0	#N/A
	3/19/92	22	#N/A
	3/20/92	23	24
	4/21/92	55	24
	4/22/92	56	8
	8/6/92	162	8
	8/7/92	163	18
	10/21/92	238	18
	10/22/92	239	0
	10/24/92	241	0
	10/25/92	242	0
	11/7/92	255	0
	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
	11/12/92	260	0
	12/8/92	286	0
	12/9/92	287	1
	2/23/93	363	1
	2/24/93	364	0
	3/21/93	389	0
	3/22/93	390	0
	5/1/93	430	0

BVOCMHV5.XLS

A & CHART

FILE NAME:

BVOCMHV5.XLS

n Intervals

DATES	DAYS	VOC (PPM)
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	58
4/21/92	55	58
4/22/92	56	19
8/6/92	162	19
8/7/92	163	34
10/21/92	233	34
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	2
12/8/92	286	2
12/9/92	287	2
2/23/93	363	2
2/24/93	364	2
3/21/93	389	2
3/22/93	390	0
5/1/93	430	0

A & CHART

FILE NAME:

BCO2MHV5.XLS

n Intervals DATES	DAYS	CO2 %
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	0.3760
4/21/92	55	0.3760
4/22/92	56	0.4170
8/6/92	162	0.4170
8/7/92	163	2.5766
10/21/92	238	2.5766
10/22/92	239	2.2930
10/24/92	241	2.2930
10/25/92	242	2.0972
11/7/92	255	2.0972
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.2840
12/8/92	286	0.2840
12/9/92	287	1.5236
2/23/93	363	1.5236
2/24/93	364	0.8511
3/21/93	389	0.8511
3/22/93	390	1.2756
5/1/93	430	1.2756

A & CHART

FILE NAME:

BCH4MHV5.XLS

n Intervals

DATES	DAYS	CH4 %
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	0.0000
4/21/92	55	0.0000
4/22/92	56	0.0000
8/6/92	162	0.0000
8/7/92	163	0.0000
10/21/92	238	0.0000
10/22/92	239	0.0000
10/24/92	241	0.0000
10/25/92	242	0.0000
11/7/92	255	0.0000
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.0000
12/8/92	286	0.0000
12/9/92	287	0.0000
2/23/93	363	0.0000
2/24/93	364	0.0080
3/21/93	389	0.0080
3/22/93	390	0.0346
5/1/93	430	0.0346

A & CHART

FILE NAME:

CVACMHV5.XLS

n Intervals	DATES	DAYS	VACUUM IN. H2O
	2/26/92	0	#N/A
	3/19/92	22	#N/A
	3/20/92	23	2.1
	4/21/92	55	2.1
	4/22/92	56	3.7
	8/6/92	162	3.7
	8/7/92	163	4.1
	10/21/92	238	4.1
	10/22/92	239	3.3
	10/24/92	241	3.3
	10/25/92	242	3.1
	11/7/92	255	3.1
	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
	11/12/92	260	2.3
	12/8/92	286	2.3
	12/9/92	287	2.2
	2/23/93	363	2.2
	2/24/93	364	4.2
	3/21/93	389	4.2
	3/22/93	390	2.6
	5/1/93	430	2.6

A & CHART

FILE NAME:

CDCCMHV5.XLS

n Intervals

DATES	DAYS	DCE-c (PPM)
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	0
4/21/92	55	0
4/22/92	56	1
8/6/92	162	1
8/7/92	163	0
10/21/92	238	0
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0
12/8/92	286	0
12/9/92	287	0
2/23/93	363	0
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

DATES

DAYS

TCE (PPM)

CTCEMHV5.XLS

WSRC DATA & CHART

FILE NAME:

CTCEMHV5.XLS

Campaign Intervals

	DATES	DAYS	TCE (PPM)
1	2/26/92	0	36
	3/19/92	22	36
2	3/20/92	23	16
	4/21/92	55	16
3	4/22/92	56	10
	8/6/92	162	10
4	8/7/92	163	20
	10/21/92	238	20
5	10/22/92	239	10
	10/24/92	241	10
6	10/25/92	242	10
	11/7/92	255	10
7	11/8/92	256	#DIV/0!
	11/11/92	259	#DIV/0!
8	11/12/92	260	6
	12/8/92	286	6
9	12/9/92	287	7
	2/23/93	363	7
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

CPCEMHV5.XLS

A & CHART

FILE NAME:

CPCEMHV5.XLS

n Intervals

DATES	DAYS	PCE (PPM)
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	11
4/21/92	55	11
4/22/92	56	8
8/6/92	162	8
8/7/92	163	17
10/21/92	238	17
10/22/92	239	0
10/24/92	241	0
10/25/92	242	0
11/7/92	255	0
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	1
12/8/92	286	1
12/9/92	287	2
2/23/93	363	2
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

CVOCMHV5.XLS

A & CHART

FILE NAME:

CVOCMHV5.XLS

n Intervals	DAYS	VOC (PPM)
DATES		
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	28
4/21/92	55	28
4/22/92	56	19
8/6/92	162	19
8/7/92	163	38
10/21/92	238	38
10/22/92	239	10
10/24/92	241	10
10/25/92	242	10
11/7/92	255	10
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	8
12/8/92	286	8
12/9/92	287	8
2/23/93	363	8
2/24/93	364	0
3/21/93	389	0
3/22/93	390	0
5/1/93	430	0

A & CHART

FILE NAME:

CCO2MHV5.XLS

n Intervals

DATES	DAYS	CO2 %
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	0.7260
4/21/92	55	0.7260
4/22/92	56	0.9395
8/6/92	162	0.9395
8/7/92	163	3.0008
10/21/92	238	3.0008
10/22/92	239	3.3641
10/24/92	241	3.3641
10/25/92	242	3.4396
11/7/92	255	3.4396
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	3.2098
12/8/92	286	3.2098
12/9/92	287	2.9059
2/23/93	363	2.9059
2/24/93	364	2.5280
3/21/93	389	2.5280
3/22/93	390	2.9412
5/1/93	430	2.9412

CCH4MHV5.XLS

A & CHART

FILE NAME:

CCH4MHV5.XLS

n Intervals

DATES	DAYS	CH4 %
2/26/92	0	#N/A
3/19/92	22	#N/A
3/20/92	23	0.0000
4/21/92	55	0.0000
4/22/92	56	0.0000
8/6/92	162	0.0000
8/7/92	163	0.0000
10/21/92	238	0.0000
10/22/92	239	0.0000
10/24/92	241	0.0000
10/25/92	242	0.0000
11/7/92	255	0.0000
11/8/92	256	#DIV/0!
11/11/92	259	#DIV/0!
11/12/92	260	0.0000
12/8/92	286	0.0000
12/9/92	287	0.0000
2/23/93	363	0.0000
2/24/93	364	0.0000
3/21/93	389	0.0000
3/22/93	390	0.0000
5/1/93	430	0.0000

DATE

FILMED

7/29/94

END

[REDACTED]

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